

1,168,498



PATENT SPECIFICATION

DRAWINGS ATTACHED

1,168,498

Inventor: LESLIE ALBERT NORMAN

Date of filing Complete Specification: 6 August, 1968.

Date of Application (No. 39986/67): 31 August, 1967.

Complete Specification Published: 29 October, 1969.

Index at Acceptance:—B6 E (6C, 19F2X).

International Classification:—B 42 f 13/00.

COMPLETE SPECIFICATION

PATENTS ACT 1949

SPECIFICATION NO. 1,168,498

The following amendments were allowed under Section 29 on 15 April 1970.

Page 1, line 22 after "spine," insert "wherein the cover members are provided with side walls,"

Page 1 delete line "28" insert "closable by means of the side walls"

Page 1, line 29 delete "one or both" insert "of the"

Page 2, line 29 after "binder," insert "wherein the cover members are provided with side walls,"

Page 2 delete lines "39, 40 and 41"

Page 2, line 42 for "4" read "3" for "3" read "1"

Page 2, line 46 for "5" read "4"

THE PATENT OFFICE
22 May 1970

R 124526/14

disposed adjacent the said nap. The other two sides of the binder are preferably also closable by means of side walls hinged to one or both cover members but it is preferred to avoid special securing means for the sides and instead make the side walls interlockable with the aid of tongues that are formed on the side walls.

The binder of the invention is particularly suitable for large capacity filing of perforated papers, especially if the cover members, spine, side walls and flap are made from stiff board, and consequently it is readily possible to make provision for two instead of the conventional single binding mechanism by which the perforated papers are releasably held. For example, a metal or plastics strip fitted with openable binding

opening mechanism 4 which is fitted with openable rings for receiving perforated papers that are to be filed by means of the binder. A flap comprising a side panel 6 hinged to a tab 7 is hinged by the panel 6 to the cover member 3 adjacent the edge carrying the binding mechanism 4. The flap is provided with one component 8 of a press stud fastener the other component 9 of which is carried by the cover member 2 but is visible in Fig. 2 only from the back. Hinged to the sides of the cover member 3 there are side walls 11 having tongues 12 and to the cover member 2 side walls 13 having recesses 14. The outside of the panel 6 of the flap has riveted to it a carrying handle 16.

To close the binder from the Fig. 2 posi-

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85

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COMPLETE SPECIFICATION

Loose-Leaf Binder

WE, TWINLOCK LIMITED, a British Company, of Twinlock Works, Beckenham, Kent, do hereby declare the invention for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

The invention relates to a loose-leaf binder.

According to the invention, a loose-leaf binder which is in the form of a collapsible carrying case when in its closed condition comprises two cover members hinged to a spine, a flap which is hinged to one of the cover members and means, such as a snap fastener or press stud, for releasably securing the flap to the other cover member, wherein the flap includes a panel which is fitted with a carrying handle and which, when the flap is secured to said other cover member, closes one entire side of the binder, preferably the side opposite the spine, and wherein a binding mechanism for releasably holding filed papers is located along that edge of the said one cover member which is disposed adjacent the said flap. The other two sides of the binder are preferably also closable by means of side walls hinged to one or both cover members but it is preferred to avoid special securing means for the sides and instead make the side walls interlockable with the aid of tongues that are formed on the side walls.

The binder of the invention is particularly suitable for large capacity filing of perforated papers, especially if the cover members, spine, side walls and flap are made from stiff board, and consequently it is readily possible to make provision for two instead of the conventional single binding mechanism by which the perforated papers are releasably held. For example, a metal or plastics strip fitted with openable binding

rings, prongs or posts may be secured to each cover member alongside the edge remote from the spine. In this way the filed papers will be located face to face in the closed condition of the binder and will be suspended from the rings, prongs or posts whenever the binder is carried by the handle on the flap.

An example of the invention is illustrated in the drawings accompanying the Provisional Specification, wherein:—

Fig. 1 is a perspective view of the loose-leaf binder when closed and

Fig. 2 is a perspective view from the inside of the same binder when collapsed or open.

It will immediately be clear from the drawings that the loose-leaf binder is in the form of a collapsible carrying case when in its closed condition. It is made from a one-piece blank of stiff board or plastics material and comprises a spine 1 and cover members 2, 3 which are each hinged to the spine by one edge and each have riveted to near the other edge a plastics or metal binding mechanism 4 which is fitted with openable rings for receiving perforated papers that are to be filed by means of the binder. A flap comprising a side panel 6 hinged to a tab 7 is hinged by the panel 6 to the cover member 3 adjacent the edge carrying the binding mechanism 4. The flap is provided with one component 8 of a press stud fastener the other component 9 of which is carried by the cover member 2 but is visible in Fig. 2 only from the back.

Hinged to the sides of the cover member 3 there are side walls 11 having tongues 12 and to the cover member 2 side walls 13 having recesses 14. The outside of the panel 6 of the flap has riveted to it a carrying handle 16.

To close the binder from the Fig. 2 posi-

tion and bring it to the Fig. 1 condition, the cover members 2, 3 with any papers filed on the mechanisms 4 are brought into face to face relationship by hinging them about the spine 1, the side walls 11, 13 being at the same time interlocked so that the walls 11 overlap the outside of the walls 13 but have their tongues 12 engaged in the respective recesses 14 and therefore overlap the inside of the walls 13. The flap is now folded over so that the panel 6 closes the remaining side, i.e. the top of the carrying case, and the tab 7 is secured to the cover member 2 by the press stud fastener 8, 9. When the binder is now carried by the handle 16, the filed papers will be suspended from the rings of the binding mechanism 4.

WHAT WE CLAIM IS:—

1. A loose-leaf binder which is in the form of a collapsible carrying case in its closed condition, comprising two cover members hinged to a spine, a flap which is hinged to one of the cover members and means for releasably securing the flap to the other cover member, wherein the flap includes a panel which is fitted with a carrying handle and which, when the flap is

secured to said other cover member, closes one entire side of the binder, and wherein a binding mechanism for releasably holding filed papers is located along that edge of the said one cover member which is disposed adjacent the said flap.

2. A binder according to claim 1, including a second such binding mechanism correspondingly located along that edge of the said other cover member which is remote from the spine.

3. A binder according to either preceding claim, wherein the cover members are provided with side walls.

4. A binder according to claim 3, wherein the side walls of adjoining sides of the cover members are interlockable with the aid of tongues.

5. A loose-leaf binder substantially as described herein with reference to the drawings accompanying the Provisional Specification.

For the Applicants,
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PROVISIONAL SPECIFICATION

2 SHEETS

This drawing is a reproduction of
the Original on a reduced scale.

SHEET 1

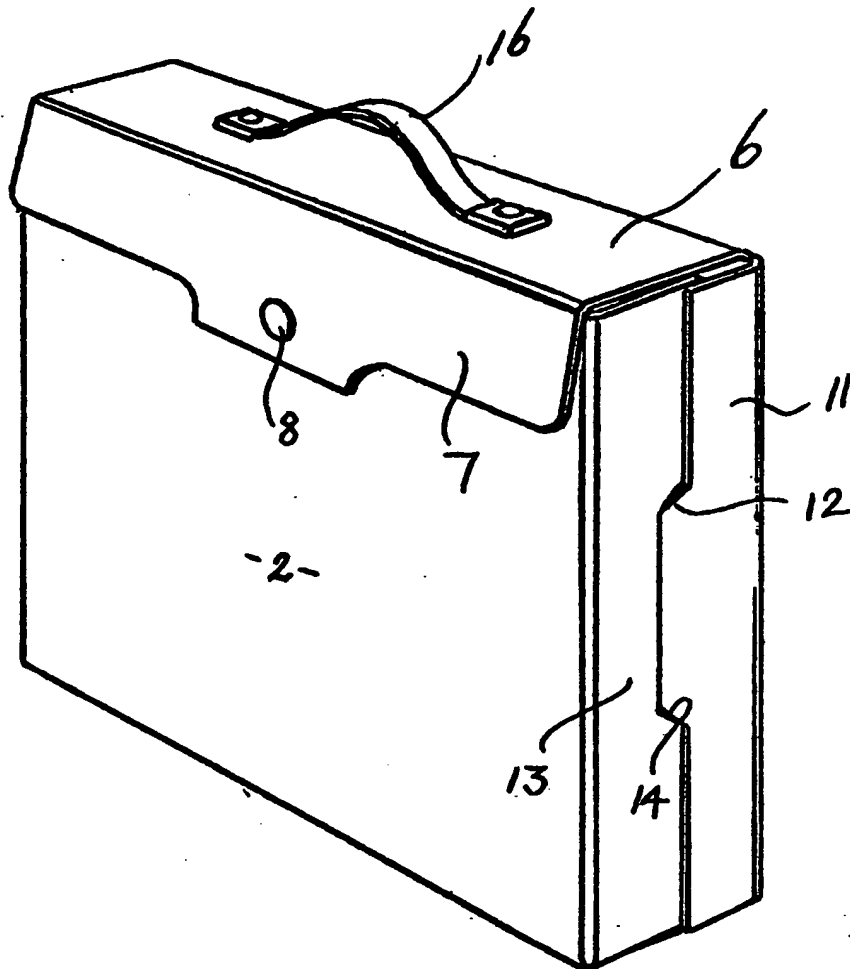


FIG. 1

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PROVISIONAL SPECIFICATION

2 SHEETS

This drawing is a reproduction of
the Original on a reduced scale.
SHEET 2

